

RECEIVED
CENTRAL FAX CENTER
JUL 02 2007

In the Claims:

Please amend Claims 1, 30, 37 and 40 as follows (the changes in these Claims are shown with ~~striketrough~~ for deleted matter and underlines for added matter). A complete listing of the claims proper claim identifiers is set forth below.

1. (currently amended) An insufflation system comprising:
An insufflator having a delivery system for delivering insufflation gas from a pressurized source of insufflation gas to at least one gas delivery path;
at least one output line coupled to the at least one gas delivery path; and
at least one dual-capacity tube having a first tube with a first end coupled to the at least one output line and a second end, the at least one dual-capacity tube having a pair of tubes each having a first end attached coupled with the second end of the first tube via an adaptor, the first tube and the pair of tubes each having an inner diameter, the adaptor having a first end attached with the second end of the first tube and a second end attached with the first end of each of the pair of tubes, the adaptor allowing for first and second tubes having incompatible as well as compatible inner diameters to be used in conjunction with each other;
wherein the at least one dual-capacity tube provides for fluid communication of the insufflating gas between the insufflator and laparoscopic equipment that is insertable into a peritoneal cavity; and
wherein ~~an~~ the inner diameter of the first tube is greater than ~~an~~ the inner diameter of each tube of the pair of tubes ~~each having a first end attached with the second end of the first tube.~~

2. (original) The insufflation system of claim 1, wherein the dual-capacity tube further comprises at least one valve attached to at least one of the pair of tubes, the valve for controlling the flow of insufflation gas.

3. (original) The insufflation system of claim 2, wherein the at least one valve is a manual valve.

4. (original) The insufflation system of claim 2, wherein the at least one valve operates hydraulically.

5. (original) The insufflation system of claim 2, wherein the at least one valve operates pneumatically.

6. (original) The insufflation system of claim 2, wherein the at least one valve operates electrically.

7. (original) The insufflation system of claim 6, wherein the insufflator further comprises a controller and wherein the at least one valve operates via a signal from the controller.

8. (original) The insufflation system of claim 2, wherein the at least one valve is a pressure relief valve that provides pressure relief when the insufflation gas reaches a predetermined pressure.

9. (original) The insufflation system of claim 1, wherein the at least one dual-capacity tube further comprises a filter located within each of the pair of tubes.

10. (original) The insufflation system of claim 1, wherein the at least one dual-capacity tube further comprises a filter located within the first tube.

11. (original) The insufflation system of claim 1, wherein the at least one dual-capacity tube is disposable.

12. (original) The insufflation system of claim 1 further comprising a second dual-capacity tube having a first tube that includes a first end, wherein the first end of the second dual-capacity tube is attached to one of the pair of tubes of the at least one dual-capacity tube.

13. (original) The insufflation system of claim 1, wherein the first tube has an inner diameter at least as large as an inner diameter of each of the pair of tubes.

14. (original) The insufflation system of claim 13, wherein the first tube of the at least one dual-capacity tube has an inner diameter of approximately 3/8 inches and wherein the pair of tubes each has an inner diameter of approximately 1/4 inches.

15. (original) The insufflation system of claim 13, wherein the inner diameter of each of the pair of tubes is different from the other of the pair of tubes.

16. (original) The insufflation system of claim 1, wherein the first tube is attached to the pair of tubes via a stepped adapter.

17. – 29. (cancelled).

30. (currently amended) An insufflation system comprising:
An insufflator having a delivery system for delivering insufflation gas from a pressurized source of insufflation gas to at least one gas delivery path;
at least one output line coupled to the at least one gas delivery path; and
at least one multi-capacity tube having a first tube with a first end coupled to the at least one output line and a second end, the at least one multi-capacity tube having at least two tubes each having a first end attached with the second end of the first tube and a second end; and
at least one spike port attached with the second end of one of the at least two tubes, wherein the spike port prevents the flow of the insufflation gas through the attached one of the at least ~~tube~~ two tubes until the at least one spike port is opened;
wherein the at least one multi-capacity tube provides for fluid communication of the insufflating gas between the insufflator and laparoscopic equipment that is insertable into a peritoneal cavity; and

wherein an inner diameter of the first tube is greater than an inner diameter of each tube of the at least two tubes each having a first end attached with the second end of the first tube such that the multi-capacity tube is configured to maintain a rate of insufflation gas into the peritoneal cavity of at least 20 liters per minute.

31. (original) The insufflation system of claim 30, wherein the at least one multi-capacity tube further comprises a filter located within the first tube.

32. (original) The insufflation system of claim 30, wherein the first tube has an inner diameter at least as large as an inner diameter of each of the at least two tubes.

33. (original) The insufflation system of claim 32, wherein the inner diameter of each of the at least two tubes is different from at least one of the other of the at least two tubes.

34. – 36. (cancelled).

37. (currently amended) An insufflation system comprising:
An insufflator having a delivery assembly for delivering insufflation gas from a pressurized source of insufflation gas;
at least one multi-capacity tube having a first tube with a first end coupled to the delivery assembly and a second end, the at least one multi-capacity tube having at least two tubes each having a first end ~~attached~~ coupled with the second end of the first tube via an adaptor, the first tube and the at least two tubes each having an inner diameter, the adaptor having a first end attached with the second end of the first tube and a second end attached with the first end of each of the at least two tubes, the adaptor allowing for first and second tubes having incompatible as well as compatible inner diameters to be used in conjunction with each other; and
at least two outputs each coupled to a second end of the at least two tubes of the multi-capacity tube;

wherein ~~an~~ the inner diameter of the first tube is greater than ~~an~~ the inner diameter of each tube of the at least two tubes ~~each having a first end attached with the second end of the first tube.~~

38. (previously presented) The insufflation system of claim 37 further comprising a delivery tube attached to each output of the insufflator, wherein the delivery tube provides for fluid communication of the insufflation gas between the insufflator and laparoscopic equipment that is insertable into a peritoneal cavity.

39. (previously presented) The system of claim 1, wherein the insufflation system is operative to maintain a rate of insufflating gas into the peritoneal cavity of at least 20 liters per minute.

40. (currently amended) The system of claim 1, wherein the inner diameter of the first tube is $\frac{3}{8}$ of an inch and the inner diameter of each tube of the pair of tubes each having a first end ~~attached~~ coupled with the second end of the first tube is $\frac{1}{4}$ of an inch.